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Gray for his exertions in securing for the Society the herbarium of the late Dr. Short, of Louisville, Ky.

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*Dec. 8th.*

DR. CARSON, in the chair.

Twenty members present.

The following paper was presented for publication :

"On some new and singular intermediate forms of *Diatomaceæ*."

By F. W. Lewis, M. D.

Dr. Morris mentioned that a nest of owls, *Strix pratineola*, had been found in the turret of a church on Rittenhouse Square.

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*Dec. 15th.*

The President, Mr. LEA, in the Chair.

Thirty-two members present.

The following paper was presented for publication :

"Synopsis of the Species of *Hosackia*." By Asa Gray.

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*Dec. 22d.*

The President, Mr. LEA, in the Chair.

Sixteen members present.

The following was presented for publication :

"Synopsis of the Echinoids collected by Dr. W. Stimpson." By A. Agassiz.

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*Dec. 29th.*

The President, Mr. LEA, in the Chair.

Twenty-nine members present.

On report of the respective Committees, the following papers were ordered to be published in the Proceedings :

**On some New and Singular Intermediate forms of *DIATOMACEÆ*.**

BY F. W. LEWIS, M. D.

About three years ago I made a gathering from the marsh bordering a shallow pond, situated in the Notch Valley, (White Mountains,) from the Southern end of which the Saco river takes its rise. This pond is fed by numerous mountain streams of small size, which nearly always dry up during the heats of summer. Its principal source of supply is in the springs which well up from beneath the morass, in the centre of which the pond lies.

This gathering was principally composed of particles of the adjacent rocks, mixed with some vegetable debris. It contained both *Diatomaceæ* and Des-

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